

ABSTRACT

Air or gas filled microballoons bounded by an interfacially deposited polymer membrane which can be dispersed in aqueous carrier liquids to be injected into living organisms or administered orally, rectally and urethrally for therapeutic or diagnostic purposes (echography). The properties of the polymeric membrane of the microballoons (elasticity, permeability, biodegradability) can be controlled at will depending on the selected polymer, the interfacial deposition conditions, and the polymer additives.